



Human Anatomy and Physiology

Important questions

- 1) Draw a labeled diagram of a cell. Describe its components and function.
- 2) Define and classify tissue. Write a note on muscular and nervous tissue.
- 3) Define joint. Give the classification of joints with suitable examples.
- 4) Write down the process of Hemopoiesis. Discuss about blood groups.
- 5) Write the composition and functions of blood.
- 6) Draw a neat labeled diagram of the heart. Describe the structure and functions of the heart.
- 7) How blood pressure is regulated in the body. Justify it
- 8) Describe the parts of the respiratory system and discuss the mechanism of respiration.
- 9) Describe digestive system with diagram. Give the composition and function of gastric juice.
- 10) Explain the physiology of muscle contraction.
- 11) Describe the anatomy and physiology of cerebrum and cerebellum.

12) Differentiate between sympathetic and parasympathetic nervous systems.

13) Discuss the functions of hypothalamus and medulla Oblongata.

14) Describe the structure and functions of Eye / Skin with a labeled diagram.

15) Write down the physiology of urine formation.

16) Explain the role of the Renin angiotensin system in the regulation of blood pressure.

17) Give the location of Adrenal gland. Write the function of the hormones secreted by cortex part of the adrenal gland.

18) Define pituitary gland. Write the function of the hormones secreted by the Pituitary gland.

19) Explain Male / Female reproductive system.

20) Discuss the physiology of menstruation.

21) Explain the process of spermatogenesis / Oogenesis

22) Write note on:

- Blood clotting
- Spleen and lymph node
- CSF
- Cardiac cycle
- Flow of blood through heart.